

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**RAVI, ET AL.**

Serial No.: **10/721,055**

Filed: **NOVEMBER 24, 2003**

Title: **"VARIABLE DENSITY FLUIDS  
AND METHODS OF USE IN  
SUBTERRANEAN FORMATIONS"**

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Group Art Unit: **1796**

Confirmation No.: **3248**

Examiner: **KUGEL, TIMOTHY J.**

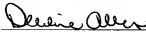
Atty. Docket No: **HES 2002-IP-008094U2**

**MAIL STOP AMENDMENT  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**CERTIFICATE OF FILING ELECTRONICALLY VIA EFS  
37 C.F.R. § 1.8**

I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

MAIL STOP AMENDMENT  
HONORABLE COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450



DEBBIE ALLEN

DATE OF SUBMISSION: **JULY 8, 2008**  
ELECTRONIC FILING (EFS)

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111 TO  
NON-FINAL OFFICE ACTION, MAILED APRIL 8, 2008**

Dear Honorable Commissioner:

In response to the Office Action mailed on April 8, 2008 (the "Office Action"), Applicants submit the following:

- **Amendments to the Claims**, which begin on page 2 of this paper; and
- **Remarks/Arguments**, which begin on page 8 of this paper.